



Message Implementation Guideline

InventoryReport XML - Axia

Model: InventoryReport Axia
Version: GS1 BMS 3.1
Variant: 2
Issue date: 2017-03-30
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Change InventoryReport Axia

Date	Variant	Comments
2017-03-30	2	<code>inventoryReport/inventoryItemLocationInformation/inventoryStatusLine/inventoryStatusQuantitySpecification/inventoryStatusType</code> enabled for BLOCKED, QUARANTINE and AVAILABLE_FOR_SALE
2017-03-30		<code>inventoryReport/inventoryItemLocationInformation/inventoryStatusLine/inventoryStatusQuantitySpecification/quantityOfUnits</code> required

Structure

Occurrence	Element/Attribute
	inventoryReportMessage
1 .. 1	xsd:sequence
1 .. 1	sh:StandardBusinessDocumentHeader
1 .. 1	xsd:sequence
1 .. 1	HeaderVersion
1 .. unbounded	Sender
1 .. 1	xsd:sequence
1 .. 1	Identifier
1 .. unbounded	Receiver
1 .. 1	xsd:sequence
1 .. 1	Identifier
1 .. 1	DocumentIdentification
1 .. 1	xsd:sequence
1 .. 1	Standard
1 .. 1	TypeVersion
1 .. 1	InstanceIdentifier
1 .. 1	Type
1 .. 1	CreationDateAndTime
1 .. 1000	inventoryReport
1 .. 1	xsd:sequence
1 .. 1	creationDateTime
1 .. 1	documentStatusCode
1 .. 1	xsd:sequence
1 .. 1	inventoryReportIdentification
1 .. 1	xsd:sequence
1 .. 1	entityIdentification
1 .. 1	inventoryReportTypeCode
1 .. 1	structureTypeCode
1 .. 1	inventoryReportToParty
1 .. 1	xsd:sequence
0 .. unbounded required	additionalPartyIdentification
	<i>additionalPartyIdentificationTypeCode</i>
1 .. 1	inventoryReportingParty
1 .. 1	xsd:sequence
0 .. 1	gln
1 .. 1	reportingPeriod
1 .. 1	xsd:sequence
0 .. 1	endDate
1 .. unbounded	inventoryItemLocationInformation
1 .. 1	xsd:sequence
1 .. 1	inventoryLocation
1 .. 1	xsd:sequence
0 .. unbounded required	additionalPartyIdentification
	<i>additionalPartyIdentificationTypeCode</i>
1 .. 1	transactionalTradeItem
1 .. 1	xsd:sequence
1 .. 1	gtin
0 .. unbounded	additionalTradeItemIdentification

Bold = Simple Element, Bold on grey background = Complex Element, Italic = Attribute, Grey = Group



Occurrence	Element/Attribute
required	<i>additionalTradeItemIdentificationTypeCode</i>
1 .. 1	xsd:sequence
0 .. 1	tradeItemQuantity
	<i>measurementUnitCode</i>
0 .. unbounded	transactionalItemData
1 .. 1	xsd:sequence
0 .. 1	batchNumber
0 .. 1	bestBeforeDate
0 .. unbounded	serialNumber
0 .. unbounded	inventoryStatusLineItem
1 .. 1	xsd:sequence
1 .. 1	lineItemNumber
1 .. unbounded	inventoryStatusQuantitySpecification
1 .. 1	xsd:sequence
1 .. 1	inventoryStatusType
1 .. 1	quantityOfUnits

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Guideline

Element/Attribute	Annotation
inventoryReportMessage	Type inventory_report:InventoryReportMessageType
xsd:sequence	Occurrence 1 .. 1
sh:StandardBusinessDocumentHeader	Occurrence 1 .. 1 Type sh:StandardBusinessDocumentHeader
xsd:sequence	Occurrence 1 .. 1
HeaderVersion	Occurrence 1 .. 1 Type xsd:string Example 3.1
Sender	Occurrence 1 .. unbounded Type sh:Partner
xsd:sequence	Occurrence 1 .. 1
Identifier	Occurrence 1 .. 1 Type sh:PartnerIdentification Remark GLN for sender of the message Example 7080003388100
Receiver	Occurrence 1 .. unbounded Type sh:Partner
xsd:sequence	Occurrence 1 .. 1
Identifier	Occurrence 1 .. 1 Type sh:PartnerIdentification Remark Client Id Example 12345
DocumentIdentification	Occurrence 1 .. 1 Type sh:DocumentIdentification
xsd:sequence	Occurrence 1 .. 1
Standard	Occurrence 1 .. 1 Type xsd:string Example GS1 BMS
TypeVersion	Occurrence 1 .. 1 Type xsd:string Example 3.1
InstanceIdentifier	Occurrence 1 .. 1 Type xsd:string Example GS1
Type	Occurrence 1 .. 1 Type xsd:string Example InventoryReport
CreationDateAndTime	Occurrence 1 .. 1 Type xsd:dateTime Remark Creation date/time for the message Example 2014-10-08T10:00:00
inventoryReport	Occurrence 1 .. 10000 Type inventory_report:InventoryReportType
xsd:sequence	Occurrence 1 .. 1
creationDateTime	Occurrence 1 .. 1 Type xsd:dateTime Remark Creation date/tims for the document Example 2014-10-08T10:00:00
documentStatusCode	Occurrence 1 .. 1 Type shared_common:DocumentStatusEnumerationType Example ORIGINAL
Applicable Codes	
ORIGINAL	
xsd:sequence	Occurrence 1 .. 1

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Element/Attribute	Annotation
inventoryReportIdentification	Occurrence 1 .. 1 Type shared_common:EntityIdentificationType
xsd:sequence	Occurrence 1 .. 1
entityIdentification	Occurrence 1 .. 1 Type restriction (xsd:string) Length 1 .. 80 Remark Document/message number Example 4567819
inventoryReportTypeCode	Occurrence 1 .. 1 Type inventory_report:InventoryReportTypeEnumerationType Example INVENTORY_STATUS
	Applicable Codes INVENTORY_STATUS
structureTypeCode	Occurrence 1 .. 1 Type ecom_common:StructureTypeCodeType Length 1 .. 80 Remark Required Example 1
inventoryReportToParty	Occurrence 1 .. 1 Type ecom_common:TransactionalPartyType
xsd:sequence	Occurrence 1 .. 1
additionalPartyIdentification	Occurrence 0 .. unbounded Type shared_common:AdditionalPartyIdentificationType Length 1 .. 80 Remark Client Id Example 12345
<i>additionalPartyIdentificationTypeCode</i>	Type restriction (xsd:string) Length 1 .. 80 Use required Example 88
	Applicable Codes 88 Assigned by the owner of operation
inventoryReportingParty	Occurrence 1 .. 1 Type ecom_common:TransactionalPartyType
xsd:sequence	Occurrence 1 .. 1
gln	Occurrence 0 .. 1 Type shared_common:GLNType Pattern \d{13} Remark GLN for reporting Party Example 7080003388100
reportingPeriod	Occurrence 1 .. 1 Type shared_common:DateTimeRangeType
xsd:sequence	Occurrence 1 .. 1
endDate	Occurrence 0 .. 1 Type xsd:date Remark Activity report date Example 2014-10-08
inventoryItemLocationInformation	Occurrence 1 .. unbounded Type inventory_report:InventoryItemLocationInformationType
xsd:sequence	Occurrence 1 .. 1
inventoryLocation	Occurrence 1 .. 1 Type ecom_common:TransactionalPartyType
xsd:sequence	Occurrence 1 .. 1
additionalPartyIdentification	Occurrence 0 .. unbounded Type shared_common:AdditionalPartyIdentificationType Length 1 .. 80

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Element/Attribute	Annotation
	Remark Internal Warehouse code Example BERGER
	Applicable Codes BERGER SKADE SPERR
<i>additionalPartyIdentificationTypeCode</i>	Type restriction (xsd:string) Length 1 .. 80 Use required Example 88
	Applicable Codes 88 Assigned by the owner of operation
transactionalTradeltem	Occurrence 1 .. 1 Type ecom_common:TransactionalTradeltemType
xsd:sequence	Occurrence 1 .. 1
gtin	Occurrence 1 .. 1 Type shared_common:GTINType Pattern \d{14} Remark GTIN - if used otherwise zeros will be sent Example 0000000000000
additionalTradeltemIdentification	Occurrence 0 .. unbounded Type shared_common:AdditionalTradeltemIdentificationType Length 1 .. 80 Remark Buyer's article number Example 554488
<i>additionalTradeltemIdentificationTypeCode</i>	Type restriction (xsd:string) Length 1 .. 80 Use required Example IN
	Applicable Codes IN Buyer's Item number
xsd:sequence	Occurrence 1 .. 1
tradeltemQuantity	Occurrence 0 .. 1 Type shared_common:QuantityType Remark Quantity in stock Example 22
<i>measurementUnitCode</i>	Type restriction (xsd:string) Length 1 .. 80 Example PCE
	Applicable Codes PCE pieces
transactionalItemData	Occurrence 0 .. unbounded Type ecom_common:TransactionalItemDataType
xsd:sequence	Occurrence 1 .. 1
batchNumber	Occurrence 0 .. 1 Type restriction (xsd:string) Length 1 .. 80 Remark Batch number Example 123907
bestBeforeDate	Occurrence 0 .. 1 Type xsd:date Remark Best before date Example 20150101
serialNumber	Occurrence 0 .. unbounded Type restriction (xsd:string) Length 1 .. 20

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Element/Attribute	Annotation
inventoryStatusLinItem	<p>Remark Serial number</p> <p>Example 2345678</p> <p>Occurrence 0 .. unbounded</p> <p>Type inventory_report:InventoryStatusLinItem</p>
xsd:sequence	Occurrence 1 .. 1
linItemNumber	<p>Occurrence 1 .. 1</p> <p>Type xsd:positiveInteger</p> <p>FractionDigits 0</p> <p>Inclusive 1 ..</p> <p>Example 1</p>
inventoryStatusQuantitySpecification	<p>Occurrence 1 .. unbounded</p> <p>Type ecom_common:InventoryStatusQuantitySpecification</p>
xsd:sequence	Occurrence 1 .. 1
inventoryStatusType	<p>Occurrence 1 .. 1</p> <p>Type ecom_common:InventoryStatusCode</p> <p>Length 1 .. 80</p> <p>Remark Status</p> <p>Example AVAILABLE_FOR_SALE</p> <p>Applicable Codes</p> <p>AVAILABLE_FOR_SALE</p> <p>BLOCKED</p> <p>QUARANTINED</p>
quantityOfUnits	<p>Occurrence 1 .. 1</p> <p>Type shared_common:Quantity</p> <p>Remark Quantity in stock</p> <p>Example 22</p>


```

<?xml version="1.0" encoding="UTF-8" ?>
- <inventory_report:inventoryReportMessage
  xmlns:inventory_report="urn:gs1:ecom:inventory_report:xsd:3"
  xmlns:sh="http://www.unece.org/cefact/namespaces/StandardBusinessDocum
entHeader">
- <sh:StandardBusinessDocumentHeader>
  <sh:HeaderVersion>3.1</sh:HeaderVersion>
- <sh:Sender>
  <sh:Identifier>7080003388100</sh:Identifier>
  </sh:Sender>
- <sh:Receiver>
  <sh:Identifier>12345</sh:Identifier>
  </sh:Receiver>
- <sh:DocumentIdentification>
  <sh:Standard>GS1 BMS</sh:Standard>
  <sh:TypeVersion>3.1</sh:TypeVersion>
  <sh:InstanceIdentifier>GS1</sh:InstanceIdentifier>
  <sh:Type>InventoryReport</sh:Type>
  <sh:CreationDateAndTime>2017-03-30T13:33:48</sh:CreationDateAndTime>
  </sh:DocumentIdentification>
  </sh:StandardBusinessDocumentHeader>
- <inventoryReport>
  <creationDateTime>2014-10-08T10:00:00</creationDateTime>
  <documentStatusCode>ORIGINAL</documentStatusCode>
- <inventoryReportIdentification>
  <entityIdentification>4567819</entityIdentification>
  </inventoryReportIdentification>
  <inventoryReportTypeCode>INVENTORY_STATUS</inventoryReportTypeCode>
  <structureTypeCode>1</structureTypeCode>
- <inventoryReportToParty>
  <additionalPartyIdentification
    additionalPartyIdentificationTypeCode="88">12345</additionalPartyIdentification>
  </inventoryReportToParty>
- <inventoryReportingParty>
  <gln>7080003388100</gln>
  </inventoryReportingParty>
- <reportingPeriod>
  <endDate>2014-10-08</endDate>
  </reportingPeriod>
- <inventoryItemLocationInformation>
- <inventoryLocation>
  <additionalPartyIdentification
    additionalPartyIdentificationTypeCode="88">BERGER</additionalPartyIdentification>
  </inventoryLocation>
- <transactionalTradeItem>
  <gtin>0000000000000</gtin>
  <additionalTradeItemIdentification
    additionalTradeItemIdentificationTypeCode="IN">554488</additionalTradeItemIdentifi
cation>
  <tradeItemQuantity measurementUnitCode="PCE">22</tradeItemQuantity>
- <transactionalItemData>
  <batchNumber>123907</batchNumber>

```

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```
<bestBeforeDate>20150101</bestBeforeDate>
<serialNumber>2345678</serialNumber>
  </transactionalItemData>
  </transactionalTradeItem>
- <inventoryStatusLineItem>
  <lineItemNumber>1</lineItemNumber>
- <inventoryStatusQuantitySpecification>
  <inventoryStatusType>AVAILABLE_FOR_SALE</inventoryStatusType>
  <quantityOfUnits>22</quantityOfUnits>
  </inventoryStatusQuantitySpecification>
  </inventoryStatusLineItem>
  </inventoryItemLocationInformation>
  </inventoryReport>
</inventory_report:inventoryReportMessage>
```